

Fig. 2

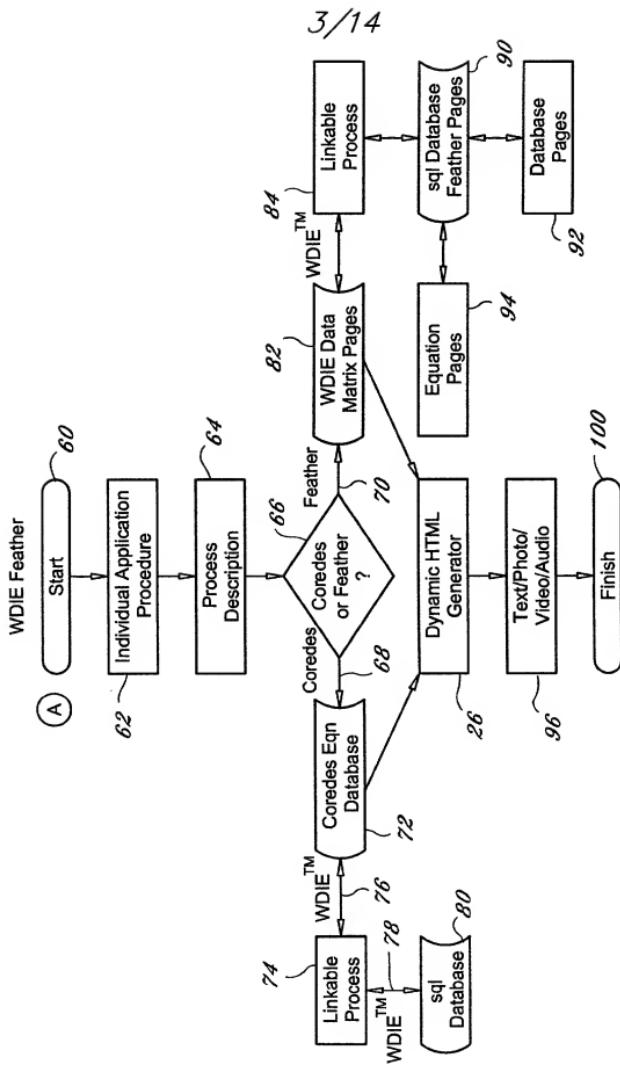


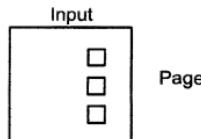
Fig. 2A

1) Equation Page

Original Input = _____ : □
 ; □
 ; □

Calculation Yields Output

$\Delta =$ _____ □ _____ □ _____ □
 ↑
 Result



2) Data Matrix Page

Original Discrete Input Data

□ □ □
 □ □ □

Calculation (if necessary)

$\Delta =$ _____ □ _____ □ _____ □
 ↑
 Result

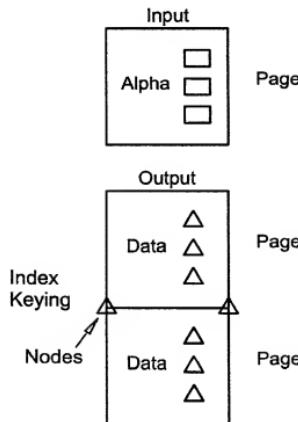


Fig. 2B

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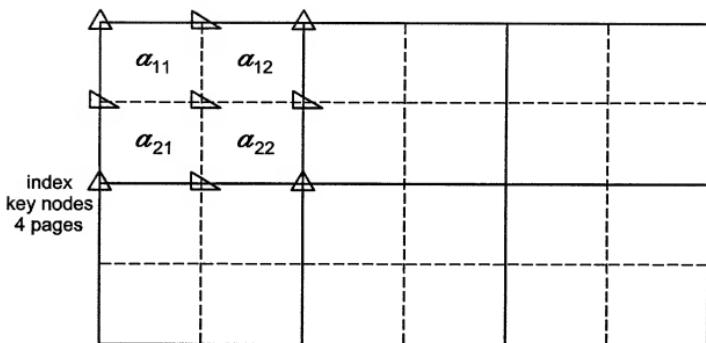


Fig. 2C

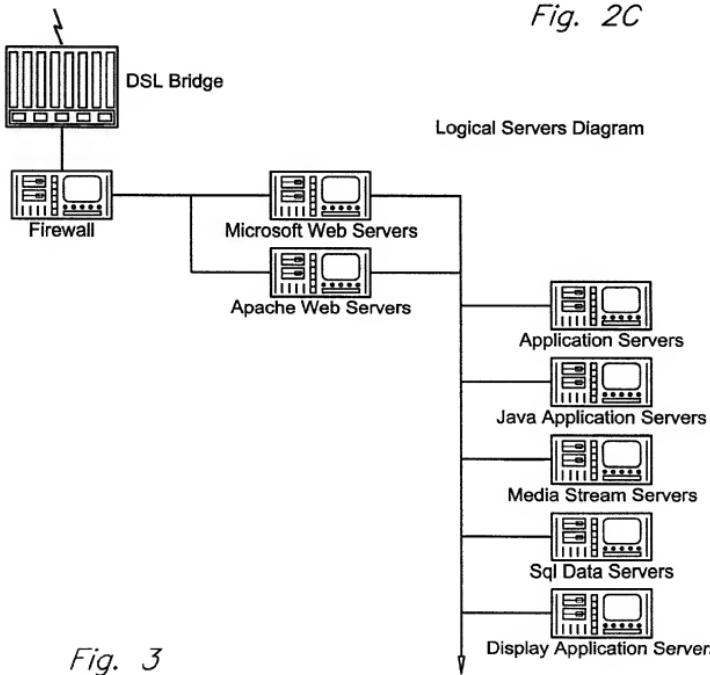


Fig. 3

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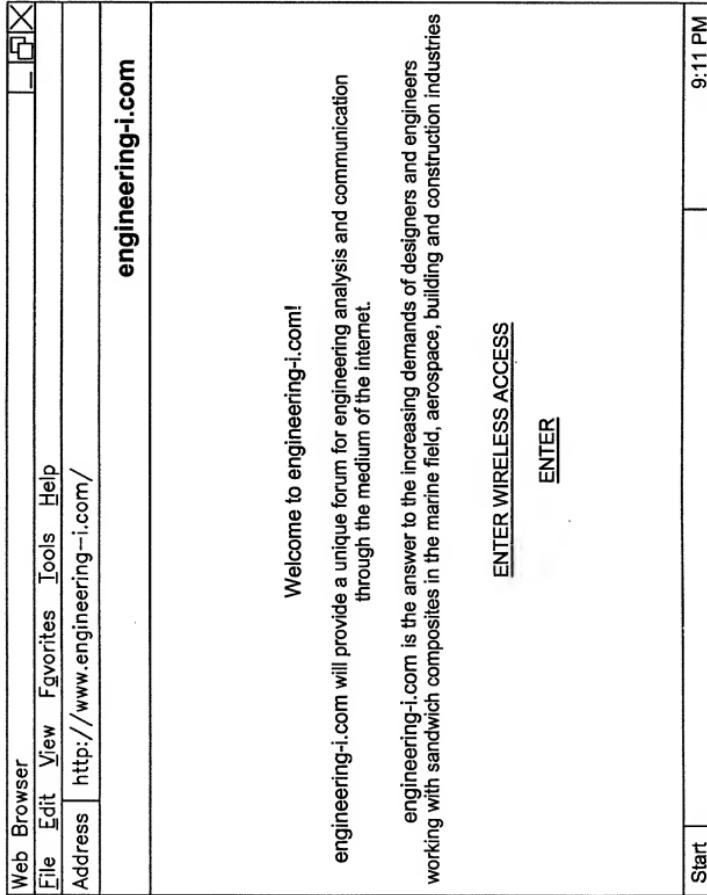
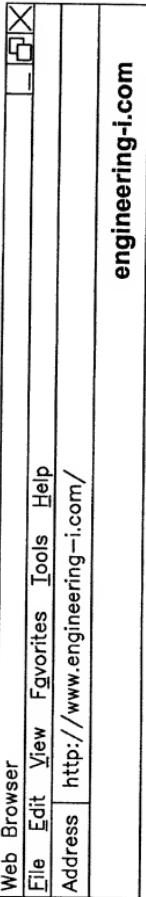


Fig. 4



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Fig. 4A

Start _____ 9:11 PM

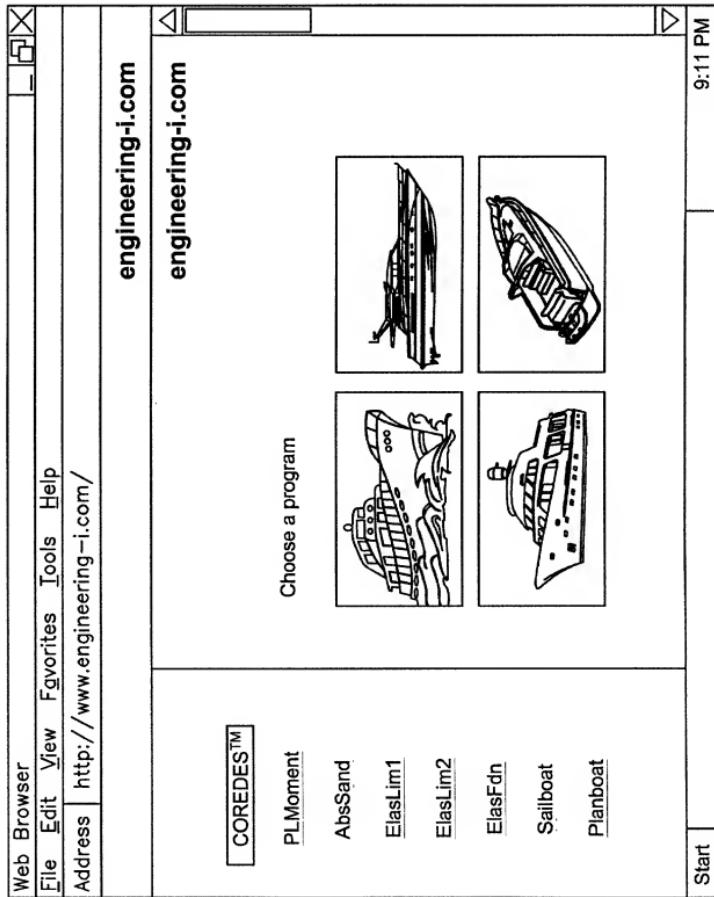


Fig. 5

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Web Browser	File	Edit	View	Favorites	Tools	Help																					
Address	http://www.engineering-i.com/																										
engineering-i.com																											
engineering-i.com																											
Core As Elastic Limit 1																											
Input Parameters																											
<table border="1"><tr><td>Top Skin Thickness</td><td>=</td><td>.1</td></tr><tr><td>Core Thickness</td><td>=</td><td>.954</td></tr><tr><td>Bottom Skin Thickness</td><td>=</td><td>.112</td></tr><tr><td>Flexural Elastic Modulus Sandwich</td><td>=</td><td>.936E6</td></tr><tr><td>Flexural Elastic Modulus Core</td><td>=</td><td>7000</td></tr><tr><td>AutoCalc Omega</td><td>=</td><td>@YES NO</td></tr><tr><td>Half Buckle Wave(hL)</td><td>=</td><td></td></tr></table>							Top Skin Thickness	=	.1	Core Thickness	=	.954	Bottom Skin Thickness	=	.112	Flexural Elastic Modulus Sandwich	=	.936E6	Flexural Elastic Modulus Core	=	7000	AutoCalc Omega	=	@YES NO	Half Buckle Wave(hL)	=	
Top Skin Thickness	=	.1																									
Core Thickness	=	.954																									
Bottom Skin Thickness	=	.112																									
Flexural Elastic Modulus Sandwich	=	.936E6																									
Flexural Elastic Modulus Core	=	7000																									
AutoCalc Omega	=	@YES NO																									
Half Buckle Wave(hL)	=																										
<input type="button" value="Submit"/>																											
Start	9:11 PM																										

Fig. 6

205020" E22200

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COREDES™	
<u>PLMoment</u>	Input Parameters: Top Skin thickness=0.1 Core Thickness=0.934 Bottom Skin thickness=0.112 Flexural Elastic Modulus Sandwich=913000.0 Flexural Elastic Modulus Core=7000.0 AutoCalc Omega=Yes
<u>ElasLim1</u>	Output Results: Omega (Geometric)=0.002332065 1/2 Buck=0.88682025
<u>ElasLim2</u>	Omega 1=9.63243850889593E-5 Omega 2=1.0361503725543246E-5 Omega 3=0.009798827718722184 Omega 4=-0.004107235245087985 Omega=0.002476532898214347
<u>ElasFdn</u>	SIGMA*=0.0251371 SIGMA CRIT. (Prin. Yield)=2853.2546927
<u>Sailboat</u>	Home
<u>Planboat</u>	Start
<u>Single Skin</u>	
<u>Programs</u>	

Fig. 7

9:11 PM

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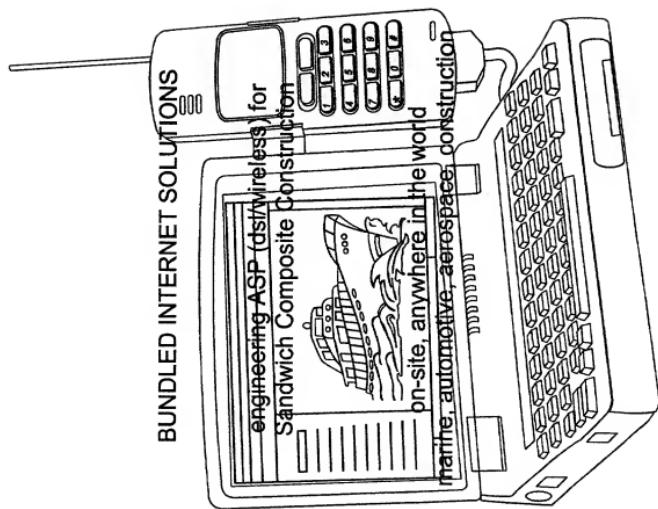


Fig. 8

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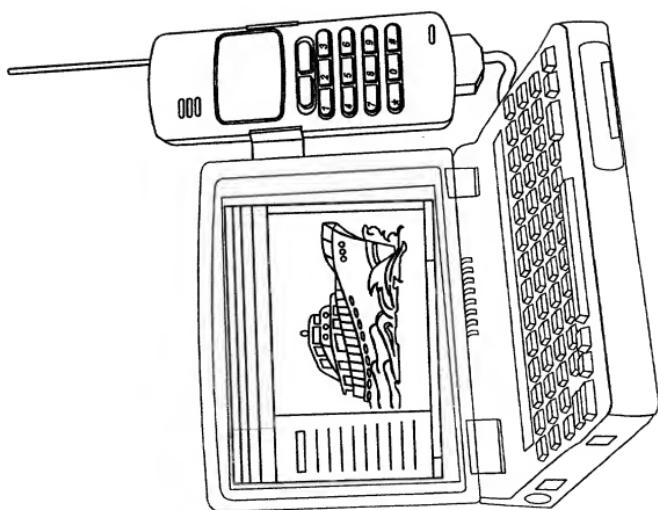
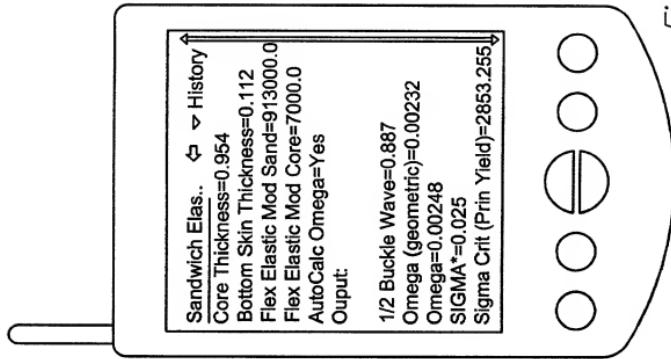
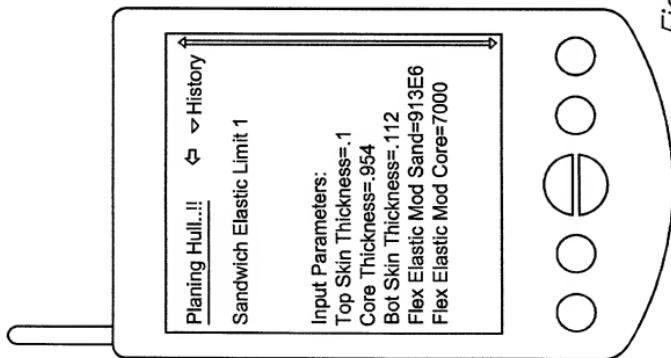


Fig. 9



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Fig. 12

Personnel ▶ Form Designer

Personnel tab

FirstName:	text
LastName:	text
Phone:	text
EmpID:	integer

Tabs ▷ 2 Layout ⌂